

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Steven M. Madey and Michael Bottlang

Serial No.: 10/617,544 Examiner: not known

Filing Date: July 10, 2003 Group Art Unit: not known

LOAD DIVERSION METHOD AND APPARATUS FOR HEAD PROTECTIVE DEVICES Title:

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450									
INFORMATION DISCLOSURE STATEMENT									
This Information Disclosure Statement is submitted: under 37 CFR 1.97 (b); or (Within three months of filing national application; or date of entry of International application; or before mailing date of first office action on the merits; whichever occurs last) under 37 CFR 1.97 (c) together with either a: Statement under 37 CFR 1.97 (e), or a \$180 fee under 37 CFR 1.17 (p); or (After mailing of first Office Action, but prior to Notice of Allowance or Final Office Action) under 37 CFR 1.97 (d) together with: Statement under 37 CFR 1.97 (e), and a \$180.00 fee set forth in 37 CFR 1.17 (p). (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)									
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It is requested that the information disclosed herein be made of record in this application.									
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MARGER JOHNSON & McCOLLOM, P.C. 1030 SW Morrison Street Portland, OR 97205 503-222-3613		i i i i i i i i i i i i i i i i i i i	hereby certify that this correspondence s being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 Date: November 4, 2003 Lauren Ballard-Gemmell						

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DO. NO. 5827-002 SERIAL NO. 10/617,544

PATENT APPLICATION

Serial No.

10/617,544

Applicant:

Atty. Docket No.: 5827-002 Seria
Applicant: Steven M. Madey and Michael Bottlang
Filing Date: July 10, 2003 Grou Filing Date:

Group:

not known

INFORMATION DISCLOSURE CITATION FORM PTO-1449 (Modified)

U.S. PATENT DOCUMENTS

	<u>Ref</u>	Document Number 3,946,441 4,825,476 5,123,408 5,581,820 5,732,414 5,815,846 5,956,777 2001/0011388 2002/0004947 2002/0010958 2002/0017805	Issue <u>Date</u> Mar. 30, 1976 May 2, 1989 Jun. 23, 1992 Dec. 10, 1996 Mar. 31, 1998 Oct. 6, 1998 Sep. 28, 1999 Aug. 9, 2001 Jan. 17, 2002 Jan. 31, 2002 Feb. 14, 2002	Name Johnson Andrews Gaines Cartwright et al. Monica Calonge Popovich Nelson et al. Bacchiega Scheibl et al. Carroll, III et al.	Class	Sub <u>Class</u>				
	FOREIGN PATENT DOCUMENTS									
Exam	~ ^	Document	Publication	a .	**					
<u>Init</u>	Ref	Number WO 03/005844	<u>Date</u> Jan. 23, 2003	<u>Country</u> WO	<u>Nan</u> Phillips	<u>ne</u>				
		WO 96/14768	May 23, 1996	WO	Phillips					
	<u></u>		• ,		-					
OTHER DOCUMENTS										
Exam										
<u>Init</u>	<u>Ref</u> 	Author, Title, Date, Pertinent Pages, Etc. Daniel L.A. Camacho, Robert W. Nightingale, Barry S. Myers, The Influence of Surface Padding Properties on Head and Neck Injury Risk, Journal of Biomechanical Engineering, October 201, Vol. 123, pages 432-439								
		Daniel L.A. Camacho, Roger W. Nightingale, Barry S. Myers, Surface Friction in Near-Vertex Head and Neck Impact Increases Risk of Injury, Journal of Biomechanics 32 (1999) pages 293-301								
	A. Gilchrist, N. J. Mills, <i>Protection of the Side of the Head</i> Accident. Analysis. And Prevention, Vol. 28 No. 4, (1996), pages 525-535									
		Roger W. Nightingale, PhD, William J. Richardson MD, Barry S. Myers MD, PhD, The Effects of Padded Surfaces on the Risk for Cervical Spine Injury Spine, Vol. 22(20) October 1997, pages 2380-2387								
		Alan L. Browne, Thomas L. Wood, Reducing Facial Lacerations in Head-Windshield Impacts with Windshield Lubricants, Proceedings of STAPP Car Crash Conference, 1985, pages 205-220								
******		Bike Helmets may not Prevent Serious Brain Injuries, Study Finds Trauma Watch, publication of American Trauma Society, Jan. 20, 2003, page 8								
Examiner	·;									
Date Considered:										

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